Teacher: Walczyk   Course: Foundations in Algebra   Period(s): 1   Week of: 4/23/18

Unit Title: Linear Functions
State Standards: FA.ACE.2, FA.AREI.10, FA.AREI.12, FA.FBF.3, FA.FLQE.5

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Plan	Activities (aligned, sequenced, build, time)	Student Work (Thinking & Problem Solving, Real World)	Assessment (aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
Monday	FA.FIF.4 FA.FIF.1 FA.FIF.1 FA.FIF.5	Interpret key features of a function that models the relationship between two quantities when given in graphical or tabular form. Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. Represent a function using function notation and explain that F9x) denotes the output of a function f that corresponds to the input x. Relate the domain and range of a function to its graph and, where applicable, to the quantitative relationship it describes.	Review Quiz Prep assignment (p195) Chapter 3 Quiz on sections 3.1-3.4	Actively participate in quiz prep review on sections 3.1-3.4	Participation during quiz prep review Walk room to assess quiz progress and to give boost where needed.	Whole group	Textbooks Graded quiz prep assignment Ch 3Quiz 1 Calculators	Applies to IEP/504 Priority seating Modeling, Retake in resource if needed
Tuesday	FA.ACE.2	Create equations in two or more variables to represent relationships between quantities. Graph the equations on coordinate axes using appropriate labels, units and scales.	Review Quiz 3.1 Chapter 4.6 – Slope-Intercept Form	Participation in quiz review. Take notes on CS4.6 • Write an equation in slope-intercept form. • Graph a line using slope-intercept form. Actively complete CS4.6 worksheet.	Performance on warm up quiz 3.1 and quiz review. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	Graded quizzes CS4.6 Notes CS4.6 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Wednesday	FA.ACE.2	Create equations in two or more variables to represent relationships between quantities. Graph the equations on coordinate axes using appropriate labels, units and scales.	Review worksheet 4.6 Chapter 4.7 – Point-Slope Form	Participation in worksheet review. Take notes on CS4.7 • Graph a line and write an equation using point-slope form. • Write a linear equation given two points. Actively complete CS4.7 worksheet.	Performance on worksheet review. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	Graded quizzes CS4.7 Notes CS4.7 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners

Thursday	FA.SPID.6 FA.SPID.8	…create scatterplots and analyze those plots to compare the fit of linear…models to a given data set. Select the appropriate model, fit at a function to the data set, and use the function to solve problems in the context of the data. …compute and interpret the correlation coefficient of a linear fit.	Review worksheet 4.7 Chapter 4.8 – Line of Best Fit	Participation in worksheet review. Take notes on CS4.8 • Determine a line of best fit for a set of linear data. • Determine and interpret the correlation coefficient. Actively complete CS4.7 worksheet.	Performance on worksheet review. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	CS4.8 Notes CS4.8 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners
Friday	FA.AREI.12	Graph the solutions to a linear inequality in two variables.	Review worksheet 4.8 Chapter 5.5 Solving Linear Inequalities	Participation in worksheet review. Take notes on CS5.5 • Graph and solve linear inequalities in two variables. Actively complete CS4.7 worksheet.	Performance on worksheet review. Walk room to ensure adequate notetaking. Assist during worksheet completion.	Whole group, Individual, small group	CS5.5 Notes CS5.5 worksheets Calculators	Applies to IEP/504 Priority seating Modeling, pair up with partners

* All plans are subject to change. Student progress will be monitored and adjustments will be made. NOTE:CS = Chapter Section. Example CS1.2 is Chapter 1 Section 2 in the textbook.